

ABSTRACT

A liquid crystal display device includes: first and second substrates facing and spaced apart from each other; a retardation layer on an outer surface of the first substrate; a linear polarizing layer on the retardation layer; a cholesteric liquid crystal color filter (CCF) layer on an inner surface of the second substrate; a liquid crystal layer between the first substrate and the CCF layer; a first cholesteric liquid crystal (CLC) polarizing layer on an outer surface of the second substrate, the first CLC polarizing layer having a first helical pitch of a first circular polarization direction; a second cholesteric liquid crystal (CLC) polarizing layer on the first CLC layer, the second CLC polarizing layer having a second helical pitch of a second circular polarization direction opposite to the first circular polarization direction; and a backlight unit outside the second CLC layer.

DC:129004.1